

DECLARATION AND POWER OF ATTORNEY FOR ORIGINAL U.S. PATENT APPLICATION

Attorney's Docket No. NSC1P194/P04836

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: CHIP SCALE PIN ARRAY, the specification of which,

(check one)

1. is attached hereto.
2. was filed on _____ as
U.S. Application No. _____
and was amended on _____.
3. was filed on _____ as
International PCT Application No. _____
and was amended on _____.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, CFR §1.56.

I hereby claim foreign priority benefits under Title 35, United States code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

			Priority Benefits Claimed?
(Appl. No.)	(Country)	(Filing Date)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
_____	_____	_____	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
_____	_____	_____	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below:

(Application No.)	(Filing Date)
_____	_____

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U.S. Application(s)

(Application Serial No.)	(Filing Date)	(Status - patented, pending, abandoned)
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(Application Serial No.)	(Filing Date)	(Status - patented, pending, abandoned)
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And I hereby appoint the law firm of Beyer Weaver & Thomas, LLP and all practitioners who are associated with the Customer Number 022434 as my principal attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Direct Correspondence To:

Customer Number: 022434
BEYER WEAVER & THOMAS, LLP
P.O. Box 778
Berkeley, CA 94704-0778



22434

Direct Telephone Calls To:

Michael Lee at telephone number (831) 655-2300

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Typewritten Full Name of

Sole or First Inventor: SHAHRAM MOSTAFAZADEHCitizenship: USAInventor's signature: Shahram MostafazadehDate of Signature: 10/25/00Residence: (City) San Jose(State/Country) CA/USAPost Office Address: 4238 Monet Circle, San Jose, CA 95136



UNITED STATES DEPARTMENT OF COMMERCE

Patent and Trademark Office

ASSISTANT SECRETARY AND COMMISSIONER
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JANUARY 30, 2001

PTAS

BEYER WEAVER & THOMAS LLP
MICHAEL LEE
P.O. BOX 778
BERKELEY, CA 94704-0778



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UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 10/26/2000

REEL/FRAME: 011270/0633

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

MOSTAFAZADEH, SHAHRAM

DOC DATE: 10/25/2000

ASSIGNEE:

NATIONAL SEMICONDUCTOR CORPORATION
2900 SEMICONDUCTOR DRIVE
SANTA CLARA, CALIFORNIA 95051

SERIAL NUMBER: 09698736

FILING DATE: 10/26/2000

PATENT NUMBER:

ISSUE DATE:

TARA WASHINGTON, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

Received Date
FEB 21 2001
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BERKELEY
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11-29-2000

ASSIG.



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JCG17 U.S. PRO
09/698736
10/26/00

To: Honorable Commissioner of Patents and Trademarks:

Please record the attached original document(s) or copy thereof.

1. Name of conveying party(ies)
a) Shahram Mostafazadeh
b)
c)
2. Name and address of receiving party(ies):
a) Name: National Semiconductor Corporation
Address: 2900 Semiconductor Drive
Santa Clara, CA 95051
3. Nature of conveyance
 Assignment Merger
 Security Agreement Change of Name
 Other _____ License Agreement

Execution Date: October 25, 2000

4. Application Number(s) or Patent Number(s): Filed Herewith

The title of the (new) application is: CHIP SCALE PIN ARRAY

5. Please send all correspondence concerning this (these) documents to:

Customer Number: 022434
BEYER WEAVER & THOMAS, LLP
P.O. Box 778
Berkeley, CA 94704-0778
Phone (510) 843-6200
Fax (510) 843-6203

6. Total number of applications and patents involved: One (1)

7. Total fee (37 CFR 3.41): \$40.00

- Enclosed
 Any additional fees are authorized to be charged to Deposit Account No. 500388
(Order No. NSC1P194)

8. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Date: October 26, 2000


Michael Lee
Registration No. 31,846

11/28/2000 MTHAI1 00000271 09698736

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Attorney Docket No. NSC1P194/P04836

(Revised 01/96)

ASSIGNMENT OF PATENT APPLICATION
(Accompanying Application)

Whereas, I, the undersigned inventor, have invented certain new and useful improvements as set forth in the patent application entitled:

CHIP SCALE PIN ARRAY

(Atty. Docket No.: NSC1P194/P04836) for which I have executed an application for a United States Letters Patent.

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the undersigned inventor, hereby:

- 1) Sell(s), assign(s) and transfer(s) to National Semiconductor Corporation, a Delaware corporation having a place of business at 2900 Semiconductor Drive, Santa Clara, California, (hereinafter referred to as "ASSIGNEE"), the entire right title and interest in any and all improvements and inventions disclosed in, application(s) based upon, and Patent(s) (including foreign patents) granted upon the information which is disclosed in the above referenced application.
- 2) Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division(s), continuation(s), substitutes(s) or reissue(s) thereof to the ASSIGNEE.
- 3) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative and applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon the inventor(s), as well as the inventor's heirs, legal representatives and assigns.
- 5) Warrant and represent that I have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

Signed on the date indicated beside my signature.

1. Inventor Signature: Shahram mostafazadeh Date: 10/25/00
SHAHRAM MOSTAFAZADEH

State of California)
) ss.
County of Santa Clara)

On this 25th day of October, in the year 2000, before me,

Karen L. Metz, personally appeared SHAHRAM MOSTAFAZADEH, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity(ies), and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Notary Signature Karen L. Metz (SEAL)

